

## Claims

- 1) Processes for the basic or acid catalyzed acid esterification and/or trans-esterification of fatty acids and/or oils and/or fats, that is the esters of glycerin with fatty acids, through introduction of short chain alcohols, in particular methyl alcohol, into the liquid raw material, and characterized by the fact that (a) commercially pure short chain alcohol(s) is dispersed into oil(s) or fat(s) present as a liquid raw material and perhaps contaminated with free fatty acids in the presence of a basic or acid catalyst.
- 2) Processes according to claim 1 and characterized by the fact that methyl alcohol is used as the alcohol and is completely dispersed in the reaction mixture.
- 3) Processes according to claims 1 or 2, and characterized by the fact that the dispersion has a globule size (diameter) of above 3, preferably above 5 $\mu$ m.
- 4) Processes according to claim 3 and characterized by the fact that the dispersion has a globule size of less than 50, and preferably under 15 $\mu$ m.
- 5) Processes according to one of the above claims and characterized by the fact that the dispersion is produced using a dispersion machine, in particular a multi-stage high power dispersion machine.